

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L2	25747	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L3	22634	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L4	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:07
L5	21	(L1 or L2 or L3 or L4) and (156/345.54.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:16
S1	2	("20020132374") or ("6905940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 21:21
S2	21	("20020132374" "20040103844" "20050106319" "20050142895" "5620523" "5628869" "5962085" "6022811" "6132562" "6149365" "6151446" "6221770" "6223683" "6289842" "6333269" "6354832" "6392350" "6641674" "6709523" "6793733" "6905940").PN.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2007/09/06 17:09
S3	0	("2004/0103844").URPN.	USPAT	ADJ	ON	2007/03/26 21:33

EAST Search History

S4	34	("20020000196" "20020007790" "20020011215" "20030019428" "20030089314" "20030111961" "20030140851" "20030168006" "20030201723" "20040060514" "4297162" "4590042" "4854263" "4892753" "5439524" "5589002" "5597439" "5728223" "5976261" "5980686" "6001175" "6050506" "6079353" "6206972" "6232580" "6245192" "6267074" "6302965" "6436193" "6454860" "6565661" "6586886" "6677712").PN. OR ("6793733").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/03/26 21:41
S5	259	(156/345.34).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/26 21:47
S6	92	S5 and controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/03/26 21:42
S7	29	("4615298" "4624214" "4808553" "4828369" "4960071" "4988642" "5110438" "5124014" "5284544" "5385624" "5423936" "5472508" "5512102" "5728253" "5780313").PN. OR ("6162323").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/03/26 21:45
S8	410	(156/345.29,345.33).CCLS.	USPAT; USOCR	OR	OFF	2007/03/26 21:48
S9	183	S8 and controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 17:49
S10	4176	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 18:02

EAST Search History

S11	8345	((118/715,729,684,696,697) or (156/345.33,345.34,345.29,345.26)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/08 18:12
S12	355	S10 and S11 and (@rlad<="20031216" or @ad<="20031216")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:42
S13	1463	(S10 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor) and (@rlad<="20031216" or @ad<="20031216")) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:20
S14	1743	(S10 and control\$3 and (@rlad<="20031216" or @ad<="20031216")) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 20:46
S15	632	S14 not (S12 or S13)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/08 20:51
S16	25720	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:26
S17	25070	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) with (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:31

EAST Search History

S18	794	(control\$3 with (gas or precursor or reactant) with (flow or suppl\$4) with (((first or inner or center) with (second or outer or outside)) or concentric)) and (control\$3 with (holder or susceptor or chuck or boat or support) with (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:14
S19	473	S18 and (@rlad<="20031216" or @ad<="20031216")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 12:44
S20	10610	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) with (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:19
S21	22628	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:22
S22	4176	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:22
S23	8345	((118/715,729,684,696,697) or (156/345.33,345.34,345.29,345.26)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/09 17:22
S24	355	S22 and S23 and (@rlad<="20031216" or @ad<="20031216")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:22

EAST Search History

S25	1463	(S22 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor) and (@rlad<="20031216" or @ad<="20031216")) not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:49
S26	1743	(S22 and control\$3 and (@rlad<="20031216" or @ad<="20031216")) not S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 17:22
S27	1301	(S20 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor or S23) and (@rlad<="20031216" or @ad<="20031216")) not (S24 or S25 or S26 or S19)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 19:56
S28	959	(S21 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor or S23) and (@rlad<="20031216" or @ad<="20031216")) not (S24 or S25 or S26 or S19 or S27)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 19:57
S29	2518	(control\$3 and (gas or precursor or reactant or flow or suppl\$4) and (((first or inner or center) and (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) and (position\$3 or rais\$3 or lower\$3 or adjust\$4))	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:42
S30	1005780	(c23c016\$ or H01L021\$).ipc.	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:27
S31	207	S29 and S30	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:27
S32	5	control\$3 and (gas or precursor or reactant or flow or suppl\$4) and S22 and control\$3 same (holder or susceptor or chuck or boat or support) and (position\$3 or rais\$3 or lower\$3 or adjust\$4)	EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 21:44

EAST Search History

S33	269	(S29 and (wafer or substrate or workpiece or (work piece) or coat\$3 or deposit\$3 or etch\$3 or semiconductor)) not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 22:13
S34	232	(chamber and (gas supply) and (((first or inner or center) same (second or outer or outside)) or concentric) and (chuck or support or holder or susceptor) and (adjust\$3 or raise or lower) and control\$3).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 22:26
S35	30	(Choi near3 Seung-Chul).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/09 22:48
S36	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32
S37	25747	(control\$3 with (gas or precursor or reactant or flow or suppl\$4) with (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32
S38	22634	(control\$3 same (gas or precursor or reactant) same (flow or suppl\$4) same (((first or inner or center) same (second or outer or outside)) or concentric)) and (control\$3 same (holder or susceptor or chuck or boat or support) same (position\$3 or rais\$3 or lower\$3 or adjust\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32
S39	4191	(showerhead or (shower head) or (gas adj (distribut\$3 or diffus\$3 or dispens\$3 or dispers\$3) adj (plate or mean)) or (gas supply assembly)) same (((first or inner or center) same (second or outer or outside)) or concentric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 13:32

EAST Search History

S40	45	(S36 or S37 or S38 or S39) and (700/121.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/15 16:06
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